

# Converting Colors

Hex(B67FC7)

Have a look what the booklet for  
Hex(B67FC7) contains.

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# **Color**

**Hex(B67FC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B67FC7
RGB	182, 127, 199
RGB Percent	71%, 50%, 78%
CMY	0.2863, 0.5020, 0.2196
CMYK	0.09, 0.36, 0.00, 0.22
HSL	286°, 39%, 64%
HSV	286°, 36%, 78%
XYZ	37.1896, 29.2473, 57.7180
YIQ	151.6530, 9.6680, 34.0520

# Conversions

## Conversions Part 2

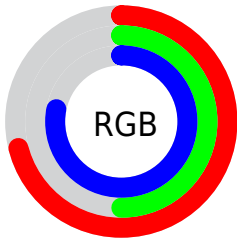
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 127, 199
Decimal	11960263
CIE <sub>Lab</sub>	61.00, 33.81, -29.11
CIE <sub>LCh</sub>	61, 44.613, 319.278
Yxy	29.2473, 0.2995, 0.2356
Android (android.graphics.Color)	4290150343 (0xFFB67FC7)
YUV	151.6530, 23.3421, 26.6143
Hunter-Lab	54.0808, 28.1071, -25.4210

# Details

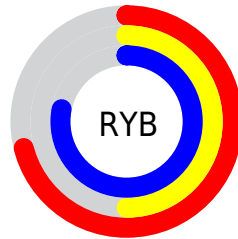
The Hex color **B67FC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90C77F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EFB5FF**, and **804D91** is the 20% darker color. If you saturate the color by 10%, you get **B16BC7**, and if you desaturate by 10%, it is **BB93C7**.

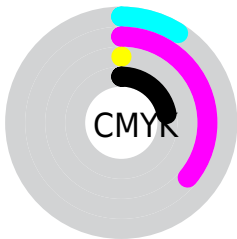
# Distribution



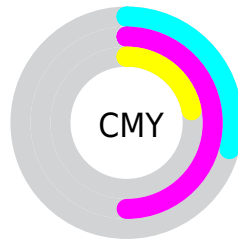
- Red (71%)
- Green (50%)
- Blue (78%)



- Red (71%)
- Yellow (50%)
- Blue (78%)



- Cyan (9%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B67FC7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B67FC7 by changing the saturation by 10% instead.



 B67FC7

 B67FC7

FFFFFF

 9B65AC

 EFB5FF

 804D91

 FFD0FF

 663577

 FFEDFF

 4D1D5E

 340446

 21002F

 00011A

 000000

 B67FC7

 B67FC7

 B16BC7

 BB93C7

 AD57C7

 BFA7C7

 A843C7

 C4BBC7

 A32FC7

 C9CFC7

 9F1BC7

 CDE3C7

 9A08C7

 D2F6C7

 9800C7

 D7FFC7

 DCFFC7

 E0FFC7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7F8EDE



B67FC7



D574A3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B67FC7



B78C44



00A7AC

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B67FC7



90C77F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17A683



B67FC7



929946

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B67FC7



D27E59



64A25E



00A4CE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B67FC7



DD7288



64A25E



00A79F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B67FC7



F8E3FF



7F91C7



7C6F80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B67FC7



E591FF



C77FB5



615A63



7D00A3



1B0024



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C77F90



FF91AB



7FC791



635A5C



A30027



240008



# Previews

## White Background



This preview shows how the Hex color B67FC7 looks on a white background.

## Color Contrast Check

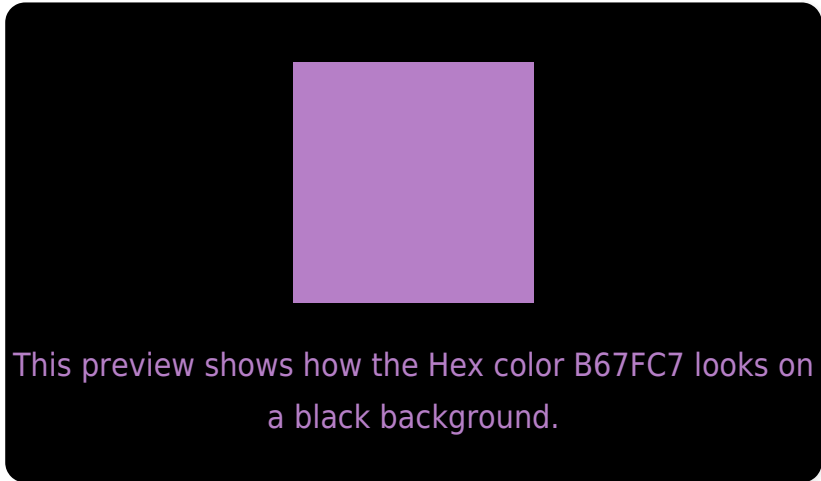
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

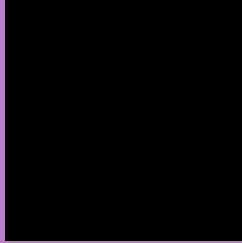
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B67FC7 Background



This preview shows how black text looks on a background with the Hex color B67FC7.

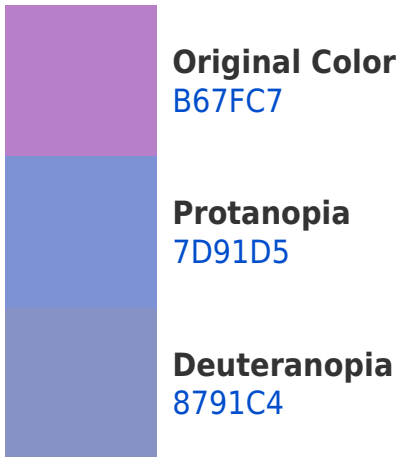


This preview shows how white text looks on a background with the Hex color B67FC7.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
AF8994

# Trichromacy



**Original Color**  
B67FC7



**Protanomaly**  
928AD0



**Deuteranomaly**  
988AC5



**Tritanomaly**  
B285A7

# Monochromacy



**Original Color**  
B67FC7



**Achromatopsia**  
989898



**Achromatomaly**  
A38FA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B67FC7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B67FC7 looks like.

```
.text, #text, p{  
    color:#B67FC7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B67FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67FC7
}
```

## Border

The CSS property to change the border of an element to Hex B67FC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

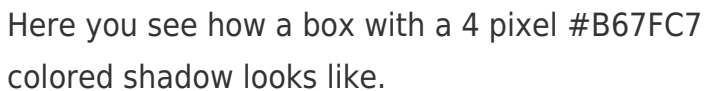
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B67FC7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B67FC7 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B67FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67FC7; -webkit-box-shadow:4px 4px  
4px 4px #B67FC7; box-shadow:4px 4px 4px  
4px #B67FC7 }
```

# Background

The CSS property to change the background color of an element to Hex B67FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67FC7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B67FC7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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